

CHARACTERISTICS

- ALTIG is an inert shielding gas containing optimized additions of helium.
- Allows for GTAW (TIG) welding of all base materials and GMAW (MIG) welding of non-ferrous metals such as aluminum
- Increased heat content of this gas provides faster puddle formation and travel speeds compared to pure argon shielding gas





DESCRIPTION

ALTIG, Air Liquide's new optimized inert shielding gas for GTAW (TIG) welding of all base metals and for GMAW (MIG) welding of non-ferrous metals such as aluminum, offers increased heat content of gas, faster travel speed, faster puddle initiation, and more welding power at equivalent amperages compared to argon, as well as smooth welds.

ALTIG is available in size 16 and is equipped with a tulip cap, which protects the valve and increases efficiency. A convenient package size for smaller welding machines.

COMPOSITION

Optimized mixture of argon with helium.

APPLICATIONS

- GTAW (TIG) welding of all base metals and GMAW (MIG) welding of non-ferrous metals
- Applications requiring higher heat inputs or faster travel speeds compared to pure argon

BENEFITS

Compared to pure argon:

- Increased heat content of gas due to helium
- Faster puddle initiation and travel speeds at equivalent amperages
- More welding power at equivalent amperages
- Potential reduction in ozone generated
- Smooth welds

PACKAGING

Equipped with a tulip cap, the cylinder is 940 mm (37 in) in height and 178 mm (7 in) in diameter.

Stock number	Cylinder size	Volume	
		m ³	pi ³
GAS-ALTIG16	16	2,79	100.62